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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/562,074	04/12/2007	Martin Kadner	DE03 0214 US1	3942
65913	7590	01/14/2008	EXAMINER	
NXP, B.V. NXP INTELLECTUAL PROPERTY DEPARTMENT M/S41-SJ 1109 MCKAY DRIVE SAN JOSE, CA 95131			DOLE, TIMOTHY J	
			ART UNIT	PAPER NUMBER
			2858	
			NOTIFICATION DATE	DELIVERY MODE
			01/14/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

Office Action Summary

Application No.

10/562,074

Applicant(s)

KADNER, MARTIN

Examiner

Timothy J. Dole

Art Unit

2858

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☒ Claim(s) 1 and 2 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. ____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The abstract contains the legal phraseology "means" on line 1, which should be removed.

Claim Objections

2. Claims 1 and 2 are objected to because of the following informalities: For the purpose of maintaining consistency throughout the claims: "the oscillator" should be changed to "the voltage-controlled oscillator" on line 7 of claim 1; "the bridge" should be changed to "the Wien-Robinson bridge" on line 8 of claim 1; "the bridge" should be changed to "the Wien-Robinson bridge" on line 4 of claim 2; and "the oscillator" should be changed to "the voltage-controlled oscillator" on line 5 of claim 2. Appropriate correction is required.

Allowable Subject Matter

3. Claims 1 and 2 would be allowable if rewritten or amended to overcome the objections set forth in this Office action.
4. The following is a statement of reasons for the indication of allowable subject matter: the claims are considered to contain allowable subject matter due to the inclusion of claim limitations: “a voltage-controlled oscillator whose output forms the input to a Wien-Robinson bridge whose output signal is checked in a phase detector for its phase shift relative to the input to the Wien-Robinson bridge to check the balance of the Wien-Robinson bridge, the Wien-Robinson bridge being set to be balanced at a frequency that is generated in the oscillator at the nominal value selected for the reference voltage, and a pass signal is generated if the bridge is balanced and a fail signal is generated if it is not” in claim 1; and “a voltage-controlled oscillator whose output voltage is fed to a Wien-Robinson bridge whose output forms the input to a phase detector, the bridge being set to be balanced at a frequency that is generated in the oscillator at the nominal value selected for the reference voltage and the output of the phase detector generates a fail signal if a threshold value is exceeded, and a pass signal if it is not” in claim 2.
5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

USPN 5,773,967 to Tenten: This patent shows an apparatus for self-testing a reference voltage, but does not require a VCO or Wien-Robinson bridge.

USPN 5,573,099 to Church et al.: This patent shows a circuit with a VCO, bridge and phase detector, but does not require a Wien-Robinson bridge or pass/fail signal.

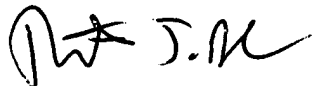
USPN 3,905,557 to Grommes et al.: This patent shows a circuit with a Wien-Robinson bridge connected to an oscillator, but not for testing a voltage or generating a pass/fail signal.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Dole whose telephone number is (571) 272-2229. The examiner can normally be reached on Mon. thru Fri. from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Timothy J. Dole